

10/664,625

03W028

Amendments to the Claims

Please amend the claims as in the following listing:

1 and 2. (Canceled)

3. (Currently Amended) The detector of claim 5, 2, wherein at least part of the receiver is within the shield.

4. (Original) The detector of claim 3,
wherein the transmitter includes a transmitting antenna at least partially within the shield; and
wherein the receiver includes a receiving antenna at least partially within the shield.

5. (Currently Amended) A detector for detecting telephone-activated devices, comprising: ~~The detector of claim 2,~~

a conductive shield having an open end for placing objects that may contain a telephone-activated device, at least in proximity thereto;

a transmitter for generating and transmitting a pseudo base station signal corresponding to a base station signal for a telephone-activated device; and

a receiver for receiving and detecting a response signal transmitted by the telephone-activated device;

wherein the transmitter directs at least part of the pseudo base station signal into the shield;

wherein the conductive shield is separate from the transmitter and the receiver;

wherein the at least part of the transmitter is within the shield; and

wherein the shield is substantially conical in shape, with the open end at a wide end.

10/664,625

03W028

6. (Currently Amended) A detector for detecting telephone-activated devices, comprising: The detector of claim 2,

a conductive shield having an open end for placing objects that may contain a telephone-activated device, at least in proximity thereto;

a transmitter for generating and transmitting a pseudo base station signal corresponding to a base station signal for a telephone-activated device; and

a receiver for receiving and detecting a response signal transmitted by the telephone-activated device;

wherein the transmitter directs at least part of the pseudo base station signal into the shield;

wherein the conductive shield is separate from the transmitter and the receiver;

wherein the at least part of the transmitter is within the shield; and

wherein the shield is made of conductive sheet metal.

7. (Original) The detector of claim 6, wherein the shield is made of conductive sheet copper.

8. (Currently Amended) The detector of claim 5, 2,

further comprising a response unit operatively coupled to the receiver;

wherein the response unit generates a response based on a result of operation of the receiver; and

wherein the response unit includes a feedback unit that provides information to an operator regarding the result of the operation of the receiver.

9. (Original) The detector of claim 8, wherein the response unit also includes an interdiction device that affects operation of the telephone-activated device.

10/664,625

03W028

10. (Original) The detector of claim 9, wherein the interdiction device includes a jamming device for preventing the telephone-activated device from being activated.

11. (Original) The detector of claim 8, wherein the feedback unit provides a first signal to the operator when the result is that a telephone-activated device is detected, and a second signal to the operator when the result is that a telephone-activated device is not detected.

12. (Original) The detector of claim 11, wherein the receiver extracts device information associated from a particular telephone-activated device that is detected; and wherein the first signal includes the device information.

13. (Original) The detector of claim 12, wherein the device information includes a telephone number associated with the particular telephone-activated device.

14. (Original) The detector of claim 12, wherein the device information includes a registration number associated with the particular telephone-activated device.

15. (Currently Amended) A detector for detecting telephone-activated devices, comprising: The detector of claim 2,

a conductive shield having an open end for placing objects that may contain a telephone-activated device, at least in proximity thereto;

a transmitter for generating and transmitting a pseudo base station signal corresponding to a base station signal for a telephone-activated device; and

a receiver for receiving and detecting a response signal transmitted by the telephone-activated device;

wherein the transmitter directs at least part of the pseudo base station signal into the shield;

wherein the conductive shield is separate from the transmitter and the receiver;

10/664,625

03W028

wherein the at least part of the transmitter is within the shield; and
wherein the detector has a weight no greater than about 5 pounds (2.3 kg).

16. (Original) The detector of claim 15, wherein the detector has a weight no greater than about 2 pounds (0.9 kg).

17. (Original) The detector of claim 16, wherein the detector is a portable detector having at least one handle.

18. (Original) The detector of claim 16, wherein the detector is a battery-powered detector.

19. (Currently Amended) The detector of claim 5, 2, wherein the transmitter includes a transmitting antenna and a signal-generating unit that is coupled to the transmitting antenna.

20. (Original) The detector of claim 19, wherein the signal-generating unit is coupled to a frequency scanner adapted to successively transmit signals, scanning multiple possible base station frequencies.

21. (Original) The detector of claim 20, wherein the frequency scanner is coupled to circuitry adapted to stop the scanning when the receiver detects a telephone-activated device, while maintaining transmission at the frequency at which the transmitter was transmitting when the receiver detected the telephone-activated device.

22. (Canceled)

23. (Currently Amended) A detector for detecting telephone-activated devices, comprising: The detector of claim 22,

10/664,625

03W028

a transmitter for generating and transmitting a pseudo base station signal corresponding to a base station for a telephone-activated device; and
a receiver for receiving and detecting a response signal transmitted by the telephone-activated device;

wherein the transmitter includes a transmitting antenna and a signal-generating unit coupled to the transmitting antenna, adapted to transmit signals;

wherein the signal-generating unit is coupled to a frequency scanner adapted to successively transmit signals, scanning multiple possible base station frequencies;

wherein the frequency scanner is coupled to circuitry adapted to stop the scanning when the receiver detects a telephone-activated device, while maintaining transmission at the frequency at which the transmitter was transmitting when the receiver detected the telephone-activated device; and

wherein the detector has a weight no greater than about 5 pounds (2.3 kg).

24. (Original) The detector of claim 23, wherein the detector has a weight no greater than about 2 pounds (0.9 kg).

25. (Original) The detector of claim 23, wherein the detector is a portable detector having at least one handle.

26-36. (Canceled)

37. (New) The detector of claim 5, wherein the shield is made of conductive sheet metal.

38. (New) The detector of claim 37, wherein the shield is made of conductive sheet copper.

10/664,62503W028

39. (New) The detector of claim 5, wherein the detector has a weight no greater than about 5 pounds (2.3 kg).

40. (New) The detector of claim 39, wherein the detector has a weight no greater than about 2 pounds (0.9 kg).

41. (New) The detector of claim 40, wherein the detector is a portable detector having at least one handle.

42. (New) The detector of claim 40, wherein the detector is a battery-powered detector.

43. (New) The detector of claim 39, wherein the shield is made of conductive sheet metal.

44. (New) The detector of claim 43, wherein the shield is made of conductive sheet copper.